

March 16, 1945

NEWSLETTER TOPICS

1945 VICTORY GARDENS

Victory gardens are needed again this year to help relieve the wartime burden on commercial food supplies. Farm families are urged to plan their gardens so as to produce a year-around supply of fresh vegetables.

If you have not already done so, we suggest that you arrange to water your Victory garden during dry spells with an electrically-operated water system. This will insure adequate moisture for maximum vegetable growth, and help you to get the most from your garden.

If you have a water pump, try to arrange now for second-hand pipe or base extensions to reach from the water supply to the garden--and you will be prepared for the dry, hot months when too many folks allow their gardens to wither and die.

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TREE TRIMMING

At regular intervals, our line crew trims the trees along the line. The purpose of this tree trimming is to prevent needless outages by removing branches that can blow against the line.

Most of you members have been very cooperative in granting permission to trim your trees. But there is an occasional member who fails to appreciate the need for tree trimming until he is left without lights and power.

When the line crew comes to your place, let them go ahead and do a good job. They will remove only the branches that may interfere with your service. You also can help to insure better service by making a prompt report to the cooperative office of any broken tree limbs that are likely to fall on the line.

If we all cooperate, outages caused by tree limbs can be reduced to a minimum. This will save members a lot of unnecessary inconvenience and loss.

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TIPS ON THE CARE OF YOUR ELECTRIC MOTORS

Here are some suggestions that will help lengthen the life of your electric motors:

1. See that the oil caps are always closed to keep dust out of the bearings. Do not let dust accumulate on the motor and motor wiring.
2. Lubricate your motors regularly. Follow the manufacturer's instructions and be sure to use the right grade of oil or grease.
3. Avoid over-lubrication. Excess oil will collect dust and rot out the insulation in your motors.
4. Keep motors as dry as possible and make certain that water does not drip or splash on them. Moisture also will collect dust and rot out the insulation.
5. When a motor is used to operate belt-driven equipment, be sure that it is lined up. If the motor is out of line, the belt will pull sideways and wear out the motor bearings.

Take good care of your electric motors. You may have trouble replacing them since new motors are scarce.

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DAIRY WATER HEATERS

The water in your electric dairy water heater must be hot to sterilize quickly. For example, you can sterilize your dairy utensils in two minutes with water heated to 180 degrees. But it will take half an hour if the water is heated to only 145 degrees.

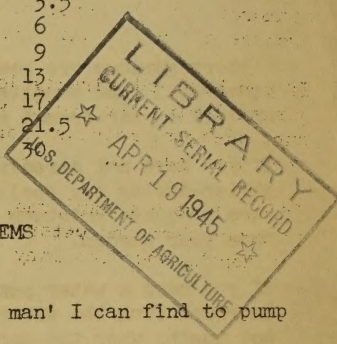
In cold weather, the water in your heater must be a little hotter to sterilize in the usual time. Experiments at Purdue University in Indiana indicate that five degrees hotter is usually sufficient.

The following table shows the amount of time required to sterilize dairy utensils with water at different temperatures:



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Water Temperature in Degrees Fahrenheit	Approximate Number of Minutes Needed to Sterilize
185	1
180	2
175	3.5
170	6
165	9
160	13
155	17
150	21.5
145	



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SOME GOOD EXAMPLES OF NEWSLETTER ITEMS

THEY SAY — — —

J. C. WILLIAMS, LECTA: "Electricity is the cheapest 'hired man' I can find to pump my water, grind my corn, and separate my milk."

MRS. STANLEY BROWN, R6, GLASGOW: "I don't see why I didn't get an electric churn a long time before I did. Now I can wash the breakfast dishes while electricity does the churning."

W. M. BRENTS, R3, GLASGOW: "I milk eight cows in 20 minutes with my electric milking machine."

W. P. EDWARDS, PARK CITY: "The electric water heaters, which I bought from you early in December, have proved entirely satisfactory. I am using them in tanks which hold 800 gallons of water, one of which is outside, and so far have had only a light skim of ice. I certainly recommend them for heating water for stock." (From newsletter of Farmers Rural Electric Cooperative, Glasgow, Kentucky)

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Mr. Vern English, of Paris, has installed an 18 cubic foot refrigerator unit. On January 19, the unit was turned on at 15 degrees below zero and 400 pounds of beef were wrapped and placed in the freezer. After running continually for 56 hours the meat was frozen solid. The freezer is now turned to zero and runs twice a day. War Production Board regulations prohibit the installation of test meters on any appliances. However, Mr. English's light bill was not as high in January as it was in December. (From newsletter of Edgar Electric Cooperative Association, Paris, Illinois).

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LETTERS FROM OUR MEMBERS — — —

Just a line to let you know we enjoy our electricity a lot and also that we have a tree in the barn lot that is growing into the line. The tree can be cut down or else trimmed and should be before long. J. J. Sydenstricker, Marshall, Missouri.

Note that my bill is only \$6.94 although the electric range has been operated for every meal and to bake two hams in the past month. So don't let anyone kid us that an electric range can't be operated at reasonable cost on REA kilowatts. Millard Tabler, Norton, Missouri. (From newsletter of Central Missouri Electric Cooperative, Sedalia, Missouri)

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Member C. L. Bennett, living near Granbury, is to be highly commended on his cooperative and thoughtful action when an airplane flew up the Brazos River, broke the span crossing the river, and knocked out some 40 miles of line. Mr. Bennett didn't see this happen, but his lights went out and he walked down to the river to investigate, discovered what had happened and notified the manager at Cleburne. This saved miles of driving and enabled the Cooperative to restore service more quickly. (From newsletter of Johnson County Electric Cooperative Association, Cleburne, Texas).

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We appreciated Mrs. J. L. Dyal writing us that a truck had hit a pole near her home and knocked the transformer off its hanger. (From newsletter of Suwanee Valley Electric Cooperative, Live Oak, Florida).